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PTO/SB/21 (08-03)

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10/813,824

March 31, 2004

**Application Number** 

Filing Date

I OKW			First Named Inventor Kelvin P. Self						
(to be used for all correspondence after initia			filing)						
			-	Art Unit	3672				
			Examiner Name Daniel P. Ste		. Steph	tephenson			
Total Number of Pages in This Submission			16 Attorney Docket Number 2380-544			4			
ENGLOSUPES (2) 1 1111									
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## □ DESIGN ⊠ UTILITY PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No: 10/813,824

Filed: March 31, 2004

For: DIRECTIONAL REAMING

**SYSTEM** 

Att'y Dkt. No.: 2380-544

Art Unit: 3672

Examiner: Daniel P.

Stephenson

Customer No.:

28839

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT AND RESPONSE TO OFFICE ACTION MAILED MARCH 22, 2006

Applicants respectfully requests that the above application be amended as follows:

## In the Specification

Please replace paragraph 0117 with the following:

[0117] With continued reference to FIG. 17, the movable pipe positioning arm 508 may be pivotally supported at one end, for example by way of a universal joint 526 (hereafter referred to as a "u-joint") or other variable angularity-allowing devices. Since a u-joint does not limit angular motion to a single plane, two arm positioners 510 supportingly arranged a quarter circle (90°) apart around its axis may be utilized to stabilize and also control the deployment direction of positioning arm 508. (The partially sectional view of FIG. 17 prevents a second positioner being shown.) The point of pivotal support provided by u-joint 526 lies approximately on the central axis of borehole 42, and is preferably axially located within the envelope of surface 502. Furthermore, the point of support is held in fixed axial relationship to borehole enlarging and engaging surface 502 while being rotationally uncoupled from it. This may be